

ABSTRACT OF THE DISCLOSURE

A transmitter, which is operated by a battery,
wirelessly transmits data including data that represents the
5 temperature T in a tire and data that represents the voltage
V of the battery. A receiver judges whether or not the life
of the battery is ending depending on the battery voltage V
read from the received data. More specifically, the receiver
performs the judgment regarding the life of the battery based
10 on a comparison between the battery voltage V and a variable
voltage reference value V0, which is selected in accordance
with the temperature T in the tire. The judgment regarding
the life of the battery is thus accurately performed.